

Message Text

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ACTION EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 TRSE-00 EUR-12

ERDA-05 ISO-00 /025 W

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R 301722Z APR 75

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C O N F I D E N T I A L SECTION 01 OF 03 OECD PARIS 11022

EXCON

E.O. 11652 XGDS1

TAGS: ESTC' COCOM

SUBJECT: REVIEW OF IL 1565 - COMPUTERS (APRIL 29 SESSION)

REFS: A. COCOM DOC REV (71) 1565/W.P. 3

B. COCOM DOC REV (71) 1565/W.P.12

C. COCOM DOC REV (71) 1565/ W.P. 11

D. COCOM DOC REV (71) 1565/W.P. 10

E. COCOM DOC REV (71) 1565/19

SUMMARY: HALF-DAY SESSION (MORNING BEING TAKEN UP BY REGULAR COCOM MEETING) MADE CONSIDERABLE PROGRESS. NOTES 2 AND 4 OF REF A ACCEPTED. NOTE 3 SUBSTANTIALLY ACCEPTED (FRENCH AD REF), EXCEPT FOR PROCEDURAL RESERVES BY SEVERAL DELS BECAUSE OF CROSS-REFERENCE TO THE AS-YET UNAGREED SUBITEM (C) (AND PARTICULARLY (C)(4)) OF BASIC DEFINITION. FRANCE, GERMANY AND JAPAN RESERVED ON NOTE (3)(D)(V)(C), FIRST TWO BECAUSE THEY WANT NOTE TO APPLY ALSO TO DOUBLE DENSITY 2314 TYPE DEVICES, LATTER WITH MORE MODEST REQUEST RELATED TO A JAPANESE DEVICE, PROBABLY SINGLE DENSITY, WHICH WOULD BE CAUGHT BY 4000 CUT-OFF. ITALY ALSO MAINTAINED DEMAND FOR 2400 BIT CUT-OFF IN (D)(6)(II), AND CANADA SUGGESTED SIMILAR VALUE WITH 2 MILE STANCE LIMITATION. US RESERVED ON PROPOSED CHANGES. NOTE 12 ACCEPTED (FRENCH AND UK AD REF) PENDING CONFIRMATION OF US AD REF POSITIVE REPLY TO FRENCH

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QUERY WHETHER NOTE WOULD PERMIT AS WELL EXPORTS OF SUP-

PLEMENTAL MEMORY EQUIPMENT TO SYSTEMS PREVIOUSLY EXPORT-
ED UNDER PRESENT NOTES 2 AND 4. ITALIAN NOTED US PRO-
POSAL DID NOT REACT TO OCTOBER PROPOSAL FOR SOU ON CAS-
SETTE/CARTRIDGE TAPE DRIVES, AND US ACCEPTED AD REF.
ACTION REQUESTED: PROMPT CONFIRMATION OF OUR AD-REF
REPLY ON RETROACTIVE APPLICABILITY OF NOTE 12 AND FUR-
THER ACTIONS DETAILED IN PARA. 11. END SUMMARY.

1. DISCUSSIONS CONTINUED ON APRIL 29 PM ON US COUNTER-
PROPOSAL ON 1565 (REF A). JAPANESE TABLED PROPOSAL (REF
B) TO AMEND (D)(4)(NEW (D)(3) OECD PARIS 10702 PARA. 5)
FROM "120" TO "190" ELEMENTS. THIS WAS BASED ON A JA-
PANESE CALCULATOR WITH A 187 ELEMENT DISPLAY (16 DI-
GITS PLUS ONE CONTROL DIGITS TIMES 9 ELEMENTS PLUS DECI-
MAL POINT AND COMMA PER DIGIT OR A TOTAL OF 187 ELE-
MENTS). JAPANESE COULD AGREE WITH SIZE LIMITATION OF
40 SQ. CM. US RESERVED, FRANCE AND THE NETHERLANDS
AGREED AD REF (PENDING RESTORATION OF TERM "FLAT PANEL")
AND OTHERS AGREED.

2. UK TABLED WORDING FOR A SUBITEM NOTE 1 (D)(V)(AS
DISCUSSED IN OECD PARIS 10805, PARA 1) AS FOLLOWS:
"(V) OTHER DISPLAYS IN WHICH THE CONSTRUCTION OF THE DIS-
PLAY PANEL AND THE EXTERNAL CIRCUITRY AND EXTERNAL CHA-
RACTER GENERATION DEVICES LIMIT DISPLAYS TO ALPHA-NUMERIC
CHARACTERS IN FIXED FORMATS, OR TO GRAPHS COMPOSED ONLY
OF THE SAME BASIC ELEMENTS AS USED FOR ALPHA-NUMERIC CHA-
RACTER COMPOSITION (LIMITED TO GRAPHIC DISPLAYS FOR WHICH
THE SEQUENCE OF SYMBOLS AND BASIC ELEMENTS OF
SYMBOLS ARE FIXED BY THE CONSTRUCTION OF THE DISPLAY
PANEL AND BY THE EXTERNAL FORMAT AND CHARACTER GENERATORS,
AND CANNOT BE GENERATED ARBITRARILY BY THE COMPUTER)."
FRANCE AGREED AD REF, OTHERS AGREED AND US RESERVED. JA-
PANESE WITHDREW THEIR MORE LIMITED PROPOSAL. US STATED
THAT PROPOSAL WAS A STEP FORWARD BUT IT WAS SO ALL-EMBRAC-
ING THAT IT GAVE RISE TO SOME CONCERNS PARTICULARLY THAT
IT HAD NO SIZE LIMITATION. THIS WOULD PERMIT VERY LARGE
HIGH RESOLUTION CHARACTER DISPLAYS TO BE EXPORTED. ALSO
THERE WAS POTENTIALLY SIGNIFICANT TECHNOLOGY THAT COULD
BE RELEASED BOTH FOR THE DISPLAY DEVICES THEMSELVES AND
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MORE IMPORTANTLY FOR THE INTEGRAL MULTIPLEXING AND CON-
TROL ELECTRONICS NECESSARY TO CONTROL THEM. THE MAJOR
PROBLEM IN DEVELOPING LARGE HIGH RESOLUTION FLAT PANEL
DISPLAYS FOR MILITARY USE IS THE NEED TO DEVELOP THE
MEANS FOR CONTROLLING THE INDIVIDUAL DISPLAY ELEMENTS
WITHOUT NEED TO BRING INDIVIDUAL LEADS OUT TO EXTERNAL
ELECTRONICS (POTENTIALLY 2500-10000 LEADS PER SQ. INCH OF

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DISPLAY SURFACE). THIS WILL REQUIRE THE MOST ADVANCED TECHNOLOGY, E.G., THIN FILM TRANSISTORS, CCD OR COMPARABLE TECHNIQUES. THEREFORE, US RESERVED FOR STUDY.

3. NETHERLANDS PROPOSED AN AE NOTE (REF D) ON EQUIPMENT EMBARGOED BY SUBITEM (C)(4) WITH ONLY LIMITATION BEING END-USE, END-USER CONDITIONS OF NOTE 3 (A) AND (B) (REF A). PROPOSAL REFERRED TO TWG ON (C)(4) AND NOTE 10 NOW SCHEDULED FOR MAY 6.

4. NOTE 2 ACCEPTED BY ALL DELS WITHOUT CHANGE. NEXT TO LAST WORD IN TECHNICAL NOTE 2 CORRECTED TO "LEAST". NOTE 3 HEADING AND (A) AND (B) AGREED TO BY ALL DELS, FRANCE AD REF. NOTE 3(C) AGREED TO BY ITALY, JAPAN AGREED AD REF, OTHER DELS RESERVED BECAUSE OF REFERENCE TO SUBITEM (C) PARTICULARLY (C)(4). WHEREVER SUBITEM (C) IS REFERRED TO MOST DELS WILL RESERVE UNTIL SUBITEM (C)(4) DEFINED. (OECD PARIS 10781, PARA. 3). ALL DELS AGREED TO NOTE 3 (D)(1), (2), (3), (4)(I), (4)(II) AND (4)(III), FRANCE AD REF. AT THIS POINT, ITALIAN DEL RAISED ISSUE OF PROPOSED SOU ON CASSETTE/CARTRIDGE TAPE DRIVES (REF E, PARA 198). US AGREED AD REF, OTHERS HAD PREVIOUSLY AGREED. THEN NOTE 3 (D)(IV) AGREED TO BY ALL DELS, FRANCE AD REF.

5. ON NOTE 3 (D)(4)(V), GERMAN DEL RAISED QUESTION IF
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"AVERAGE ACCESS TIME" IN (D)(4)(V)(B) AND (C) WERE TO BE
DEFINED AS IN NOTE 4 (D), (E), AND (F) WHEN DISK DRIVES
WERE CONNECTED TO BLOCK MULTIPLEX CHANNEL SINCE
"LATENCY TIME" EFFECTIVELY REDUCED BY LOGIC CONTROL OF
DISK. US STATED THAT IT COULD ACCEPT AD REF GERMAN IN-
TERPRETATION THAT NOTE 4 DEFINED "MECHANICAL" LATENCY
TIME AS WAS TO BE USED REGARDLESS OF TYPE OF CHANNEL.

6. FRENCH, GERMAN AND JAPANESE DELS RESERVED ON (D)(4)
(V)(C), THE FIRST TWO SEEKING A CUT-OFF WHICH WOULD PER-
MIT DUAL-DENSITY 2314 TYPE DRIVES TO BE ELIGIBLE FOR AE
TREATMENT, THE LATTER ASKING FOR A MODEST INCREASE TO
43,000 TO ACCOMMODATE THE FACOM 472L. US UNDERTOOK TO
CONSIDER JAPANESE REQUEST ONCE WE HAD RECEIVED FURTHER
TECHNICAL DETAILS, ON THE ASSUMPTION THAT THIS WOULD
INVOLVE A SINGLE-DENSITY 2314 TYPE DEVICE. USDEL
POINTED OUT THAT US, AFTER CONSIDERATION AT VERY HIGH LE-
VEL WITHIN USG OF THE SIMILAR VIEWS EXPRESSED DURING
OCTOBER DISCUSSIONS, HAD CONFIRMED THAT EXPORTS OF DUAL-
DENSITY 2314 TYPE MEMORIES DID NOT APPEAR APPROPRIATE
WITHOUT THE SORT OF COMMITTEE REVIEW, AND SAFEGUARDS,
WHICH NOTE 5 PROCEDURES WOULD PROVIDE. WHILE WE WOULD
REFER ISSUE BACK, WE COULD NOT BE OPTIMISTIC THAT A DIF-
FERENT CONCLUSION WOULD BE REACHED, AND THEREFORE USDEL
URGED RESERVING DELEGATIONS TO RECONSIDER THEIR OWN
POSITIONS. ALL DELS AGREED TO (D)(4)(V)(A) AND (D),
FRANCE AD REF. FRANCE RESERVED ON (D)(4)(V)(B). ALL
OTHER DELS AGREED TO (D)(4)(V)(B) AND (C) AND GERMANY
AND JAPAN TO (D)(4)(V)(B).

7. ALL DELS AGREED TO NOTE 3 (D)(5), (D)(6)(I), (D)(6)
(III) AND (D)(6)(IV), FRANCE AD REF. ON (D)(6)(II)
ITALY RAISED ITS PREVIOUS PROPOSAL FOR 2400 BITS PER
SECOND (REF E, PARA. 23). CANADA BACK TRACKED FROM ITS
PREVIOUS SUPPORT OF ITALIAN PROPOSAL AND PROPOSED AN
ADDITION TO (11) TO PERMIT 2400 BITS PER SECOND ON DI-
RECT LINES UP TO 2 MILES FROM COMPUTER. CANADIAN CON-

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CERN WAS FOR SYSTEMS IN UNIVERSITIES AND POSSIBLY IN PLANTS ACCESSING COMPUTER FROM WITHIN FACILITY NOT GOING OUT THROUGH THE REGULAR TELEPHONE SYSTEM. ITALIAN DEL THOUGHT HE COULD ACCEPT CANADIAN APPROACH BUT WOULD HAVE TO REFER TO HIS AUTHORITIES. US SAID IT WOULD REFER MATTER TO WASHINGTON BUT IT WOULD BE DIFFICULT TO CHANGE ITS POSITION. ITALY AND CANADA RESERVED, ALL OTHER DELS AGREED, FRANCE AD REF. ALL DELS AGREED TO NOTE 3 (E).

8. ON NOTE 12 FRANCE RAISED QUESTION WHETHER NOTE WAS APPLICABLE TO COMPUTERS PREVIOUSLY SHIPPED UNDER PRESENT NOTE 2 (AE) AND 4 (EA). US DEL STATED THAT IT WOULD APPLY TO PREVIOUSLY SHIPPED SYSTEMS BUT ANSWER WAS AD REF UNTIL HE COULD CONFIRM IT. THEN FRANCE AND UK FAVORABLY RESERVED UNTIL CONFIRMATION. ALL OTHERS AGREED, SOME RESERVING AGAIN ON ISSUE OF SUBITEM (C)(4). REQUIRE ASAP CONFIRMATION OF OUR INTERPRETATION OF APPLICABILITY OF NOTE 12 TO SYSTEMS PREVIOUSLY SHIPPED UNDER PRESENT NOTES 2 AND 4.

9. ON NOTE 4 NETHERLANDS RAISED QUESTION ON DEFINITION OF "STATED MEMORY DEVICES" (NOTE 4(C)) AND US STATED IT WOULD TRY TO CLARIFY DEFINITION. FRANCE PROPOSED THAT NOTE 4(P) BE PLACED BETWEEN (H) AND (I). ALL DELS AGREED TO THIS AND REST OF NOTE.

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10. ACTION REQUESTED: INSTRUCTIONS TO LIFT AD REF AT APPROPRIATE TIME ON SOU, ON CASSETTES (PARA. 4), ON

DEFINITION OF "AVERAGE ACCESS TIME" (PARA. 5) AND MOST
IMPORTANTLY ON APPLICABILITY OF NOTE 12 (PARA. 9).
FINKLER STUDYING PROPOSALS IN PARA. 1, 2, 3, AND 6 AND
WILL REQUEST INSTRUCTIONS WHEN COMPLETED. PROPOSE NO
ACTION ON GERMAN PROPOSAL FOR DUAL DENSITY 2314 AS AE
BUT FINKLER WILL REVIEW JAPANESE SUGGESTION (PARA. 6).
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Message Attributes

Automatic Decaptioning: X
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Disposition Authority: GarlanWA
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Disposition Reason:
Disposition Remarks:
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